Part Number : 5051510300
Product Description : DuraClik TPA Wire-to-Board Receptacle Housing, 3 Circuits, Black
Series Number : 505151
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

5051510300_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-505151-002-001.pdf

AS-505151-001-001.pdf

5051519200-200.pdf

5051510002-000.pdf (Gold Plating)

PS-505151-001-001.pdf (Tin Plating)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Connector Housings
Series	505151
Description	DuraClik TPA Wire-to-Board Receptacle Housing, 3 Circuits, Black
Application	Automotive, Wire-to-Board
Component Type	Receptacle
Product Name	DuraClik
UPC	887191733715

Agency

UL	E29179

Physical

Circuits (maximum)	3
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Resin	Polyamide (PA)
Net Weight	169.000/mg

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Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Polarized to Mating Part	Yes
Sealed	Unsealed
Stackable	No
Temperature Range - Operating	-40° to +125°C
Terminal Size	0.635

Mates With / Use With

Mates with Part(s)

Description	Part Number
DuraClik Right-Angle Single Row Headers	502352
DuraClik Vertical Single Row Headers	560020

Use with Part(s)

Description	Part Number
DuraClik 2-Way Terminal Position Assurance (TPA) Retainers	505152
DuraClik TPA Female Crimp Terminals	505153
DuraClik TPA Female Crimp Terminals	505487

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